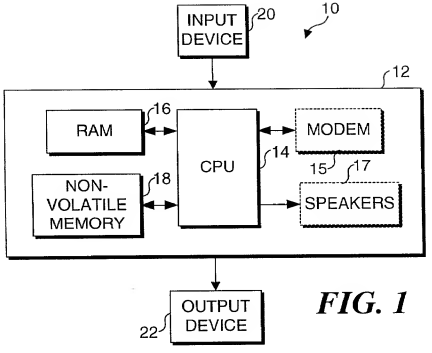


FIG. 1

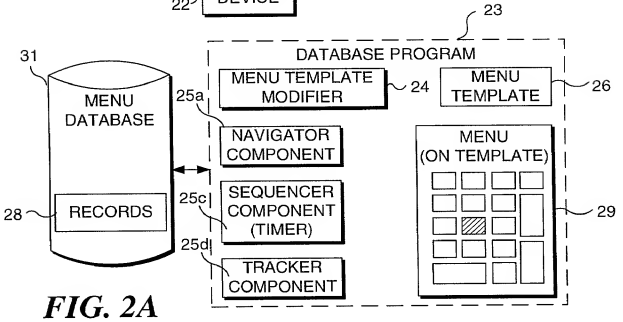


FIG. 2A

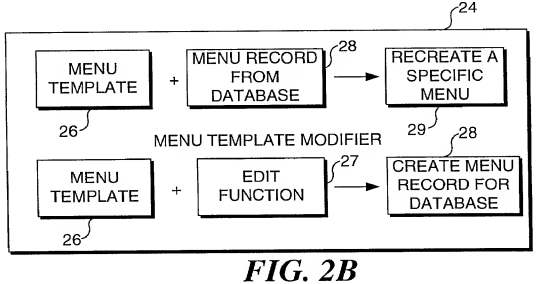


FIG. 2B

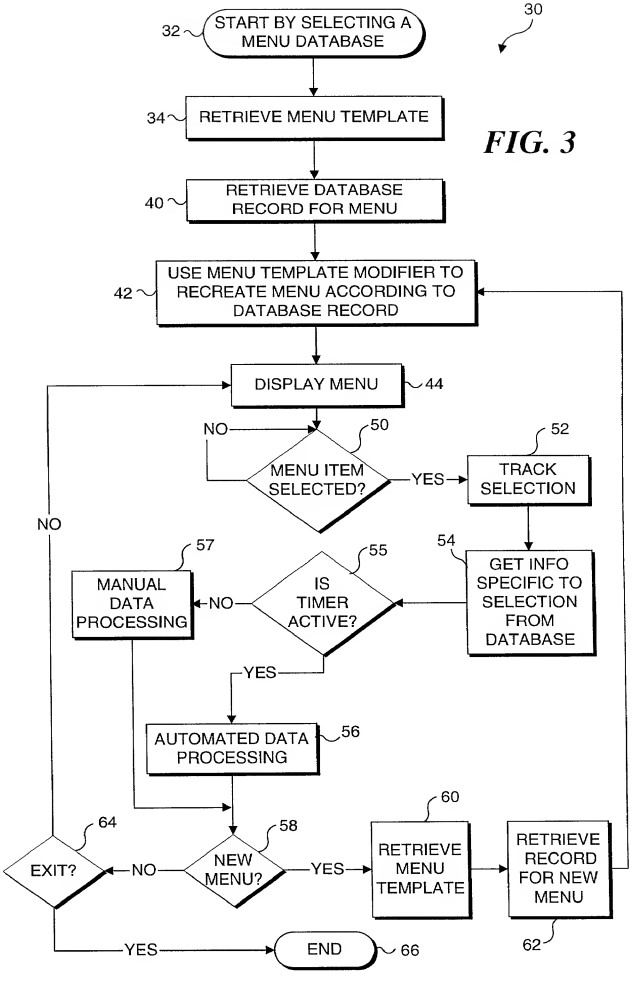

30
32
START BY SELECTING A MENU DATABASE
34
RETRIEVE MENU TEMPLATE
40
RETRIEVE DATABASE RECORD FOR MENU
42
USE MENU TEMPLATE MODIFIER TO RECREATE MENU ACCORDING TO DATABASE RECORD
DISPLAY MENU
44
NO
50
MENU ITEM SELECTED?
YES
52
TRACK SELECTION
54
GET INFO SPECIFIC TO SELECTION FROM DATABASE
55
IS TIMER ACTIVE?
NO
57
MANUAL DATA PROCESSING
YES
56
AUTOMATED DATA PROCESSING
NO
64
EXIT?
NO
58
NEW MENU?
YES
60
RETRIEVE MENU TEMPLATE
62
RETRIEVE RECORD FOR NEW MENU
YES
END
66

FIG. 3

FIG. 4

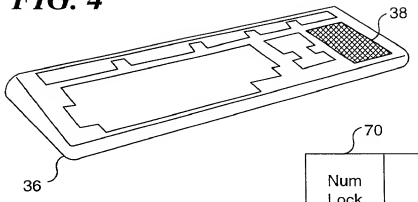
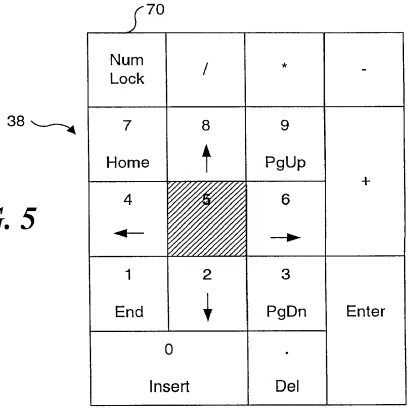


FIG. 5



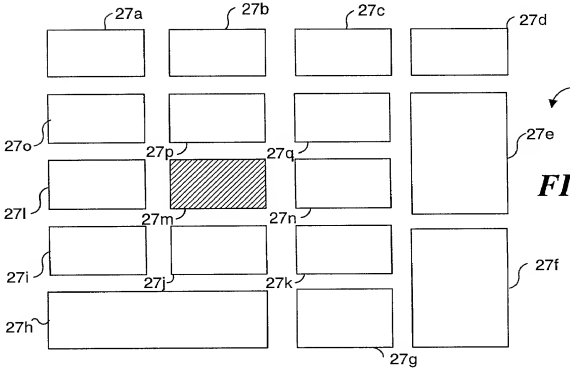


FIG. 6A

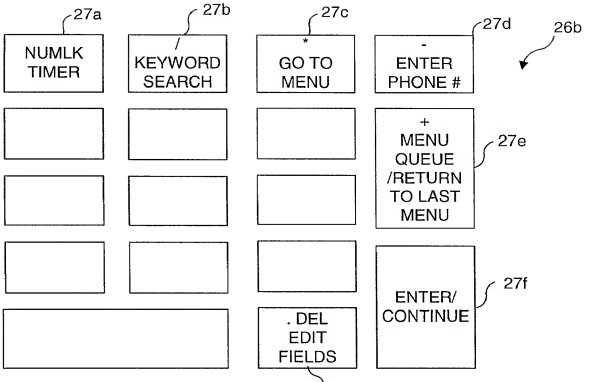

27a
NUMLK TIMER
27b
KEYWORD SEARCH
27c
*
GO TO MENU
27d
-
ENTER PHONE #
26b
+
MENU QUEUE /RETURN TO LAST MENU
27e
ENTER/ CONTINUE
27f
. DEL EDIT FIELDS
27g

FIG. 6B

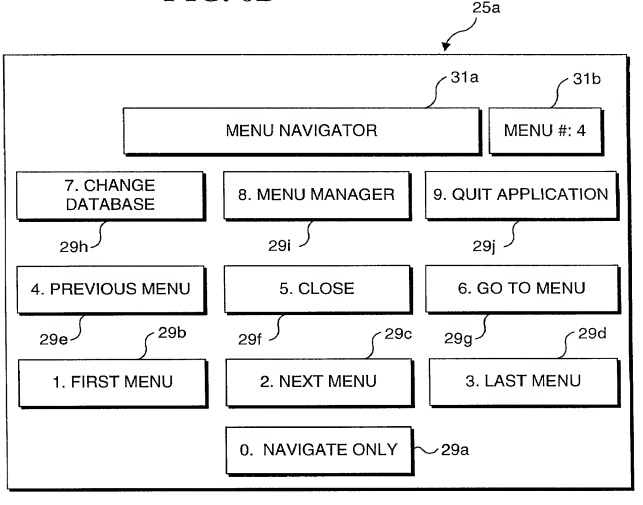

25a
31a
MENU NAVIGATOR
31b
MENU #: 4
7. CHANGE DATABASE
8. MENU MANAGER
9. QUIT APPLICATION
29h
29i
29j
4. PREVIOUS MENU
5. CLOSE
6. GO TO MENU
29e
29b
29f
29c
29g
29d
1. FIRST MENU
2. NEXT MENU
3. LAST MENU
0. NAVIGATE ONLY
29a

FIG. 7A

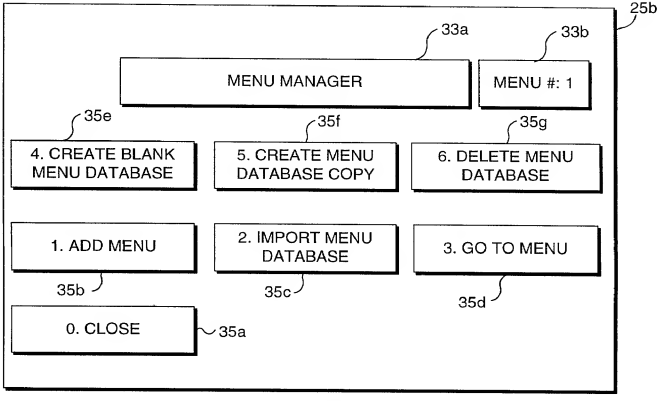

25b
33a
33b
MENU MANAGER
MENU #: 1
35e
35f
35g
4. CREATE BLANK MENU DATABASE
5. CREATE MENU DATABASE COPY
6. DELETE MENU DATABASE
1. ADD MENU
2. IMPORT MENU DATABASE
3. GO TO MENU
35b
35c
35d
0. CLOSE
35a

FIG. 7B

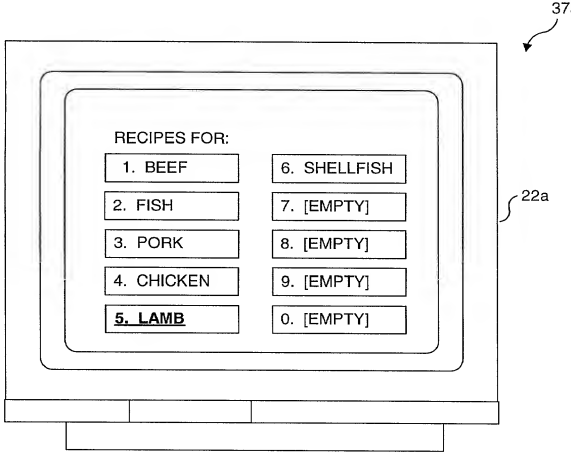

37a
RECIPES FOR:
1. BEEF
2. FISH
3. PORK
4. CHICKEN
5. LAMB
6. SHELLFISH
7. [EMPTY]
8. [EMPTY]
9. [EMPTY]
0. [EMPTY]
22a

FIG. 8

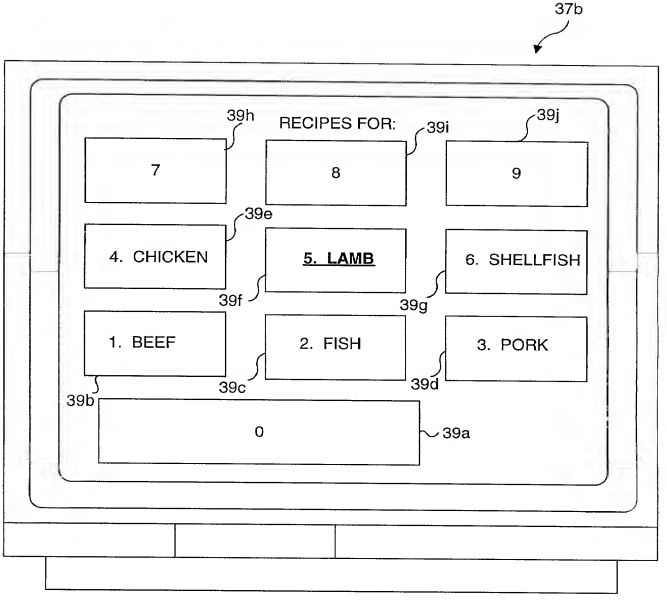

37b
39h
RECIPES FOR:
39i
39j
7
8
9
39e
4. CHICKEN
5. LAMB
6. SHELLFISH
39f
39g
1. BEEF
2. FISH
3. PORK
39b
39c
39d
0
39a

FIG. 9

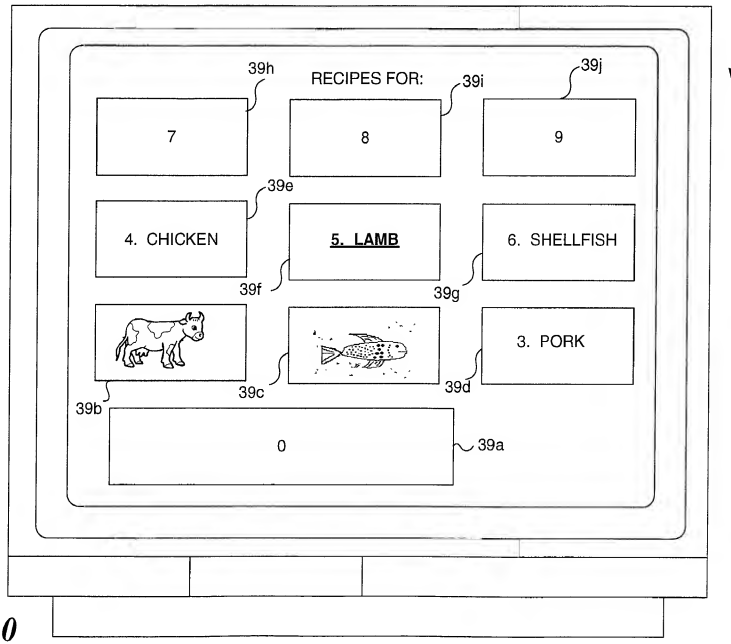

37c
RECIPES FOR:
39h
39i
39j
7
8
9
39e
4. CHICKEN
5. LAMB
6. SHELLFISH
39f
39g
3. PORK
39b
39c
39d
0
39a

FIG. 10

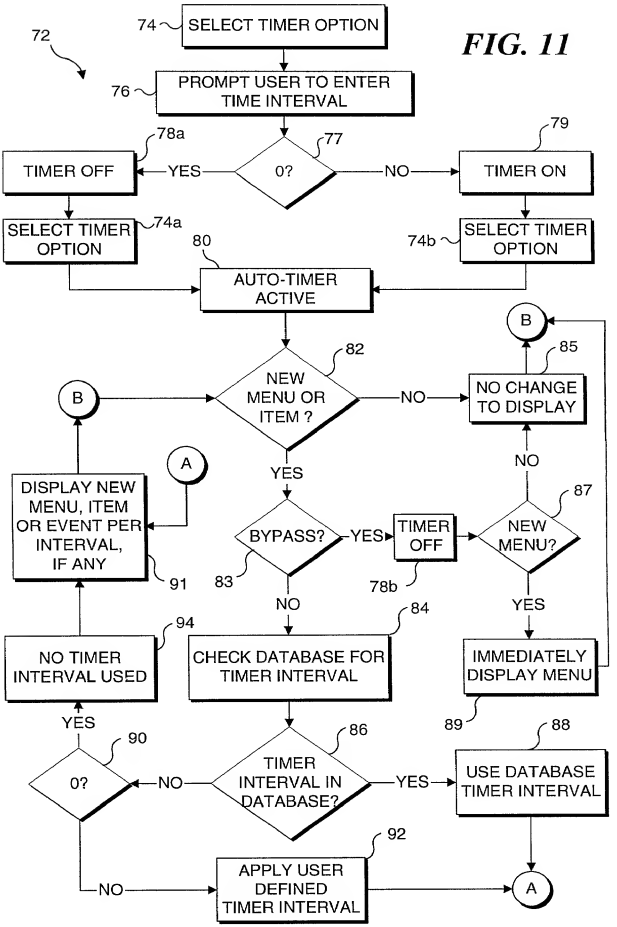

72
74
SELECT TIMER OPTION
76
PROMPT USER TO ENTER TIME INTERVAL
78a
77
79
TIMER OFF
YES
0?
NO
TIMER ON
SELECT TIMER OPTION
74a
74b
SELECT TIMER OPTION
80
AUTO-TIMER ACTIVE
B
82
85
NEW MENU OR ITEM ?
NO
NO CHANGE TO DISPLAY
B
A
YES
NO
DISPLAY NEW MENU, ITEM OR EVENT PER INTERVAL, IF ANY
91
BYPASS?
YES
TIMER OFF
NEW MENU?
87
83
78b
NO
YES
94
84
NO TIMER INTERVAL USED
CHECK DATABASE FOR TIMER INTERVAL
IMMEDIATELY DISPLAY MENU
89
YES
90
86
88
0?
NO
TIMER INTERVAL IN DATABASE?
YES
USE DATABASE TIMER INTERVAL
92
NO
APPLY USER DEFINED TIMER INTERVAL
A

FIG. 11

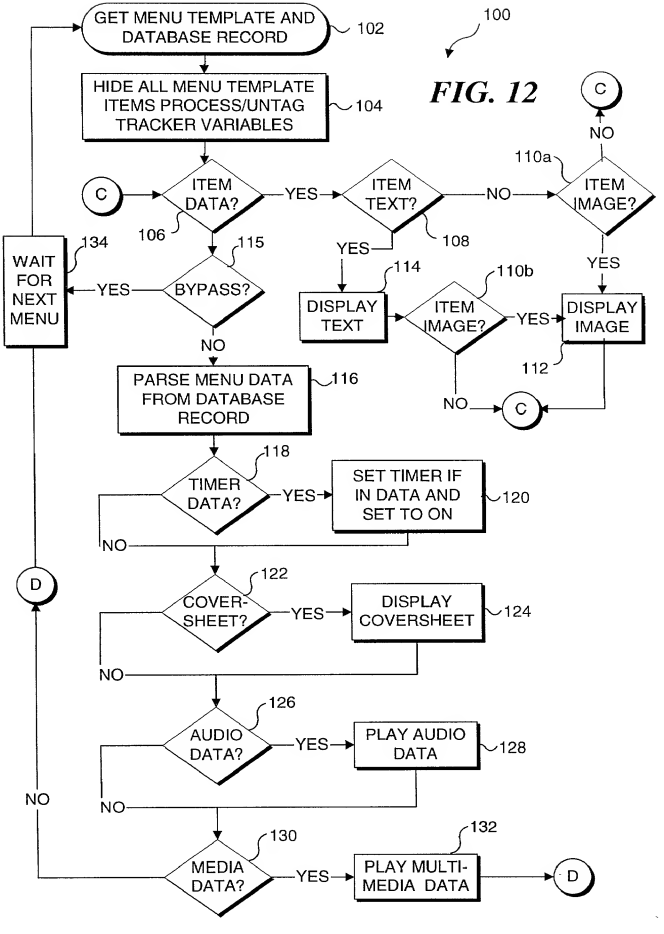

GET MENU TEMPLATE AND DATABASE RECORD
102
100
HIDE ALL MENU TEMPLATE ITEMS PROCESS/UNTAG TRACKER VARIABLES
104
C
ITEM DATA?
YES
ITEM TEXT?
NO
ITEM IMAGE?
NO
C
110a
106
108
YES
YES
134
WAIT FOR NEXT MENU
YES
BYPASS?
115
DISPLAY TEXT
114
ITEM IMAGE?
110b
YES
DISPLAY IMAGE
112
NO
NO
C
PARSE MENU DATA FROM DATABASE RECORD
116
TIMER DATA?
118
YES
SET TIMER IF IN DATA AND SET TO ON
120
NO
D
COVER-SHEET?
122
YES
DISPLAY COVERSHEET
124
NO
AUDIO DATA?
126
YES
PLAY AUDIO DATA
128
NO
NO
MEDIA DATA?
130
YES
PLAY MULTI-MEDIA DATA
132
D

FIG. 12

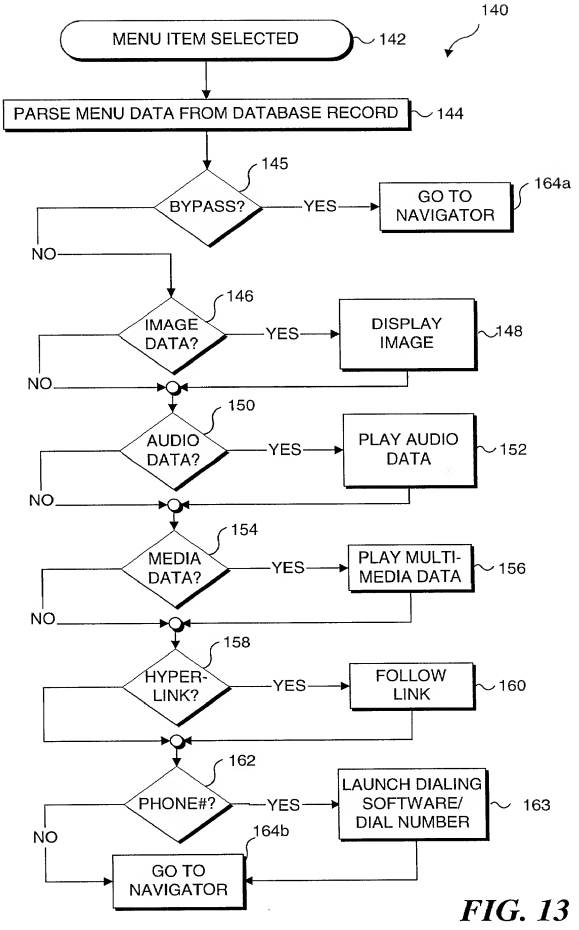

140
MENU ITEM SELECTED
142
PARSE MENU DATA FROM DATABASE RECORD
144
145
BYPASS?
YES
GO TO NAVIGATOR
164a
NO
146
IMAGE DATA?
YES
DISPLAY IMAGE
148
NO
150
AUDIO DATA?
YES
PLAY AUDIO DATA
152
NO
154
MEDIA DATA?
YES
PLAY MULTI-MEDIA DATA
156
NO
158
HYPER-LINK?
YES
FOLLOW LINK
160
162
PHONE#?
YES
LAUNCH DIALING SOFTWARE/ DIAL NUMBER
163
NO
164b
GO TO NAVIGATOR

FIG. 13

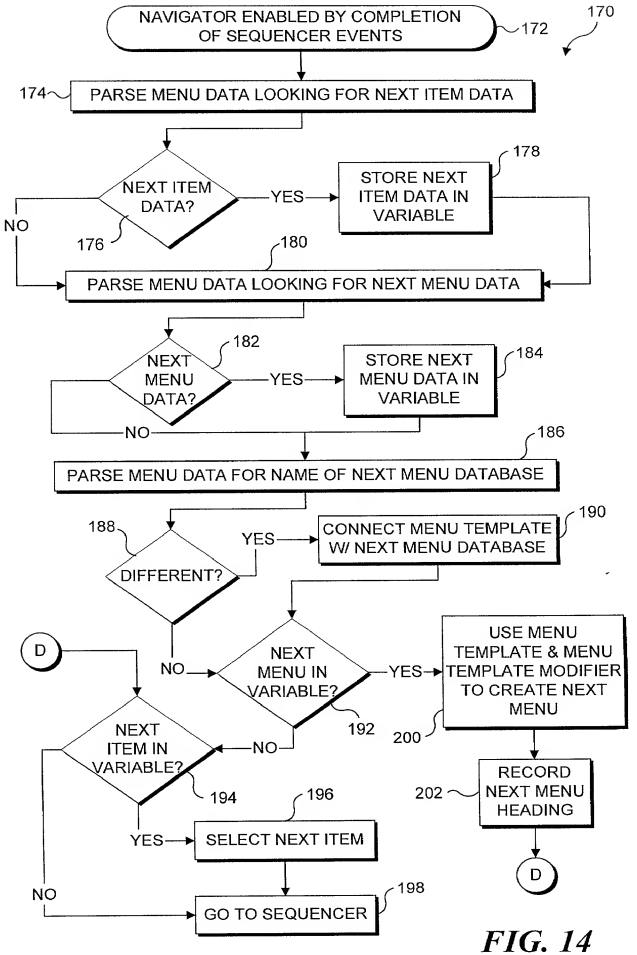

NAVIGATOR ENABLED BY COMPLETION OF SEQUENCER EVENTS
172
170
174
PARSE MENU DATA LOOKING FOR NEXT ITEM DATA
NEXT ITEM DATA?
176
YES
NO
STORE NEXT ITEM DATA IN VARIABLE
178
180
PARSE MENU DATA LOOKING FOR NEXT MENU DATA
NEXT MENU DATA?
182
YES
NO
STORE NEXT MENU DATA IN VARIABLE
184
186
PARSE MENU DATA FOR NAME OF NEXT MENU DATABASE
188
DIFFERENT?
YES
CONNECT MENU TEMPLATE W/ NEXT MENU DATABASE
190
D
NO
NEXT MENU IN VARIABLE?
192
YES
USE MENU TEMPLATE & MENU TEMPLATE MODIFIER TO CREATE NEXT MENU
200
NEXT ITEM IN VARIABLE?
194
NO
RECORD NEXT MENU HEADING
202
D
YES
196
SELECT NEXT ITEM
NO
GO TO SEQUENCER
198

FIG. 14

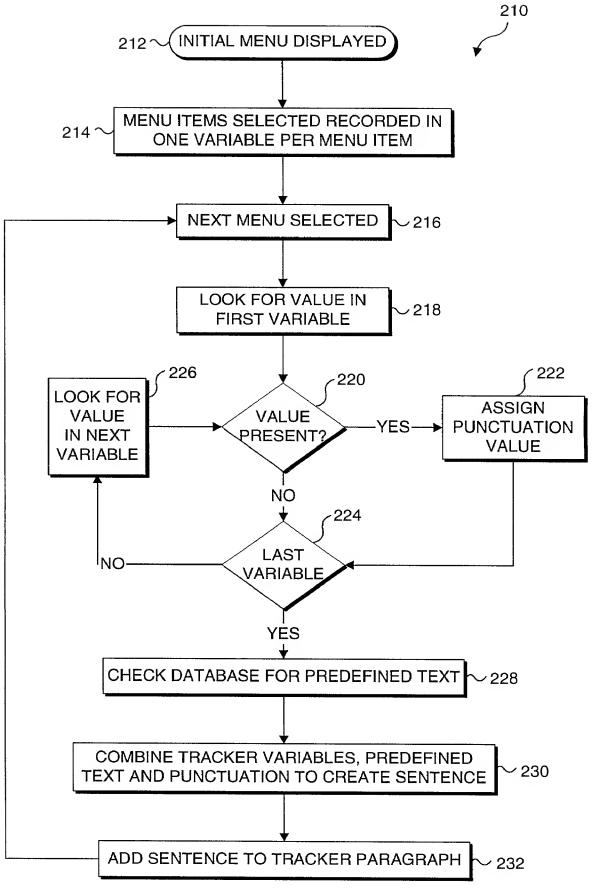

210
212
INITIAL MENU DISPLAYED
214
MENU ITEMS SELECTED RECORDED IN ONE VARIABLE PER MENU ITEM
NEXT MENU SELECTED
216
LOOK FOR VALUE IN FIRST VARIABLE
218
226
LOOK FOR VALUE IN NEXT VARIABLE
220
VALUE PRESENT?
YES
222
ASSIGN PUNCTUATION VALUE
NO
224
NO
LAST VARIABLE
YES
CHECK DATABASE FOR PREDEFINED TEXT
228
COMBINE TRACKER VARIABLES, PREDEFINED TEXT AND PUNCTUATION TO CREATE SENTENCE
230
ADD SENTENCE TO TRACKER PARAGRAPH
232

FIG. 15

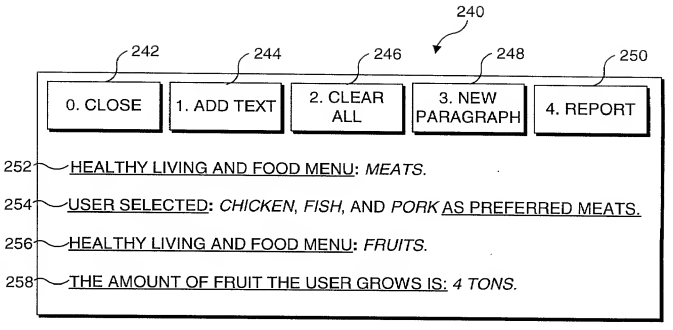

240
242
244
246
248
250
0. CLOSE
1. ADD TEXT
2. CLEAR ALL
3. NEW PARAGRAPH
4. REPORT
252 HEALTHY LIVING AND FOOD MENU: MEATS.
254 USER SELECTED: CHICKEN, FISH, AND PORK AS PREFERRED MEATS.
256 HEALTHY LIVING AND FOOD MENU: FRUITS.
258 THE AMOUNT OF FRUIT THE USER GROWS IS: 4 TONS.

FIG. 16

PUBLISHED APPLICATION

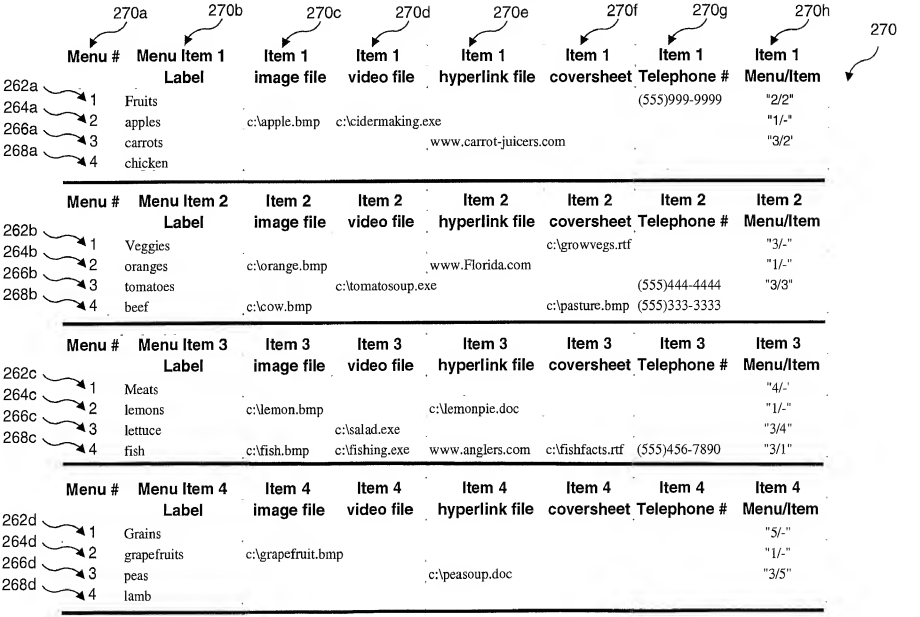


FIG. 17

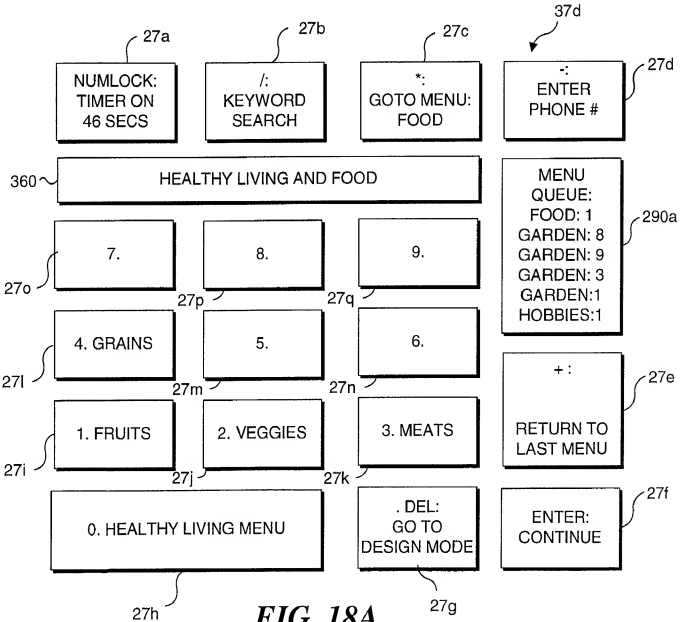

27a
NUMLOCK: TIMER ON 46 SECS
27b
/: KEYWORD SEARCH
27c
*: GOTO MENU: FOOD
37d
-: ENTER PHONE #
27d
360
HEALTHY LIVING AND FOOD
MENU QUEUE: FOOD: 1 GARDEN: 8 GARDEN: 9 GARDEN: 3 GARDEN:1 HOBBIES:1
290a
7.
8.
9.
27o
27p
27q
4. GRAINS
5.
6.
27l
27m
27n
+ :
RETURN TO LAST MENU
27e
1. FRUITS
2. VEGGIES
3. MEATS
27i
27j
27k
0. HEALTHY LIVING MENU
. DEL: GO TO DESIGN MODE
ENTER: CONTINUE
27f
27h
27g

FIG. 18A

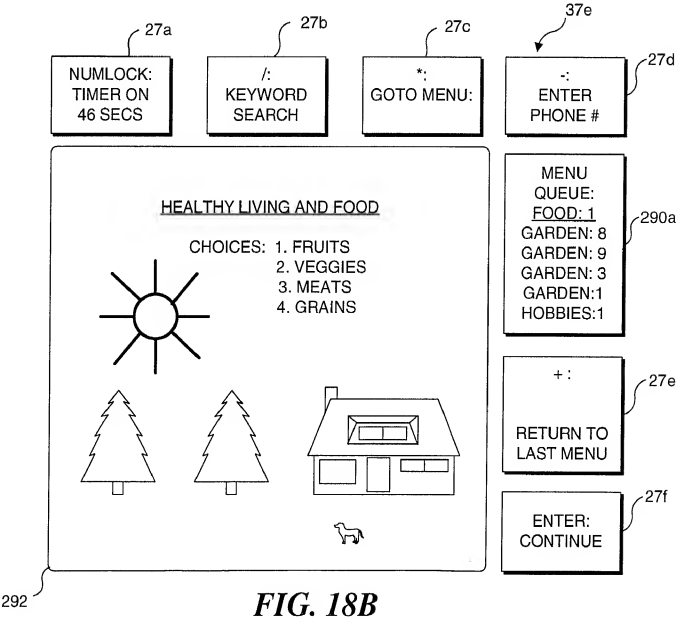

27a
NUMLOCK:
TIMER ON
46 SECS
27b
/:
KEYWORD
SEARCH
27c
*:
GOTO MENU:
37e
-:
ENTER
PHONE #
27d
HEALTHY LIVING AND FOOD
CHOICES: 1. FRUITS
2. VEGGIES
3. MEATS
4. GRAINS
MENU
QUEUE:
FOOD: 1
GARDEN: 8
GARDEN: 9
GARDEN: 3
GARDEN:1
HOBBIES:1
290a
+:
RETURN TO
LAST MENU
27e
ENTER:
CONTINUE
27f
292

FIG. 18B

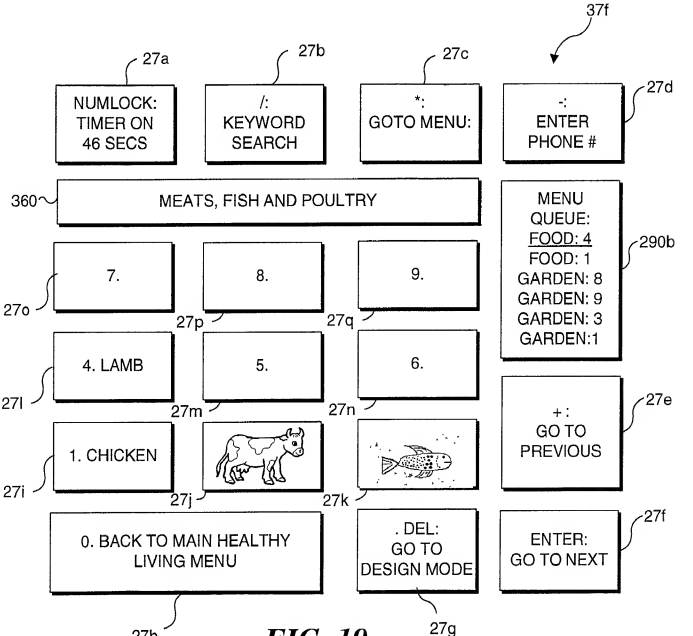

37f
27a
27b
27c
27d
NUMLOCK: TIMER ON 46 SECS
/: KEYWORD SEARCH
*: GOTO MENU:
-: ENTER PHONE #
360
MEATS, FISH AND POULTRY
MENU QUEUE:
FOOD: 4
FOOD: 1
GARDEN: 8
GARDEN: 9
GARDEN: 3
GARDEN:1
290b
7.
8.
9.
27o
27p
27q
4. LAMB
5.
6.
27l
27m
27n
+: GO TO PREVIOUS
27e
1. CHICKEN
27i
27j
27k
0. BACK TO MAIN HEALTHY LIVING MENU
. DEL: GO TO DESIGN MODE
ENTER: GO TO NEXT
27f
27h
27g

FIG. 19

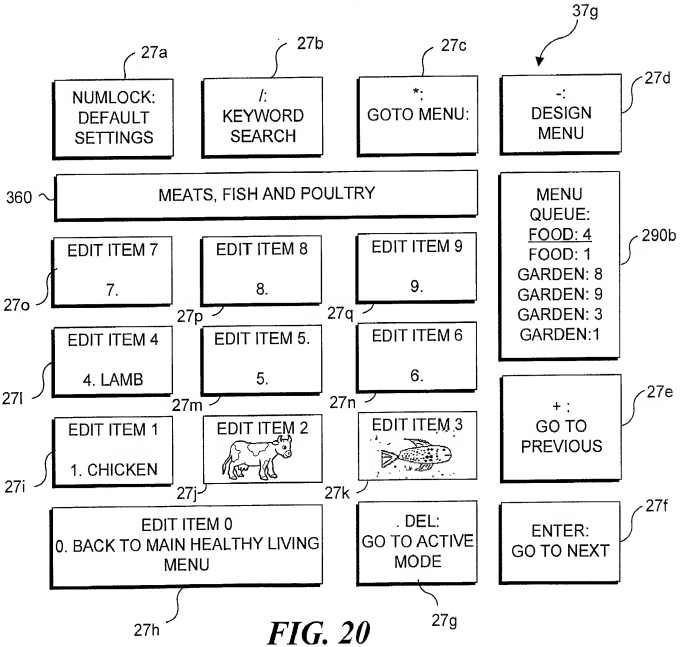

37g
27a
27b
27c
27d
NUMLOCK: DEFAULT SETTINGS
/: KEYWORD SEARCH
*: GOTO MENU:
-: DESIGN MENU
360
MEATS, FISH AND POULTRY
MENU QUEUE: FOOD: 4 FOOD: 1 GARDEN: 8 GARDEN: 9 GARDEN: 3 GARDEN:1
290b
EDIT ITEM 7 7.
EDIT ITEM 8 8.
EDIT ITEM 9 9.
27o
27p
27q
EDIT ITEM 4 4. LAMB
EDIT ITEM 5. 5.
EDIT ITEM 6 6.
27l
27m
27n
+ : GO TO PREVIOUS
27e
EDIT ITEM 1 1. CHICKEN
EDIT ITEM 2
EDIT ITEM 3
27i
27j
27k
EDIT ITEM 0 0. BACK TO MAIN HEALTHY LIVING MENU
. DEL: GO TO ACTIVE MODE
ENTER: GO TO NEXT
27f
27h
27g

FIG. 20

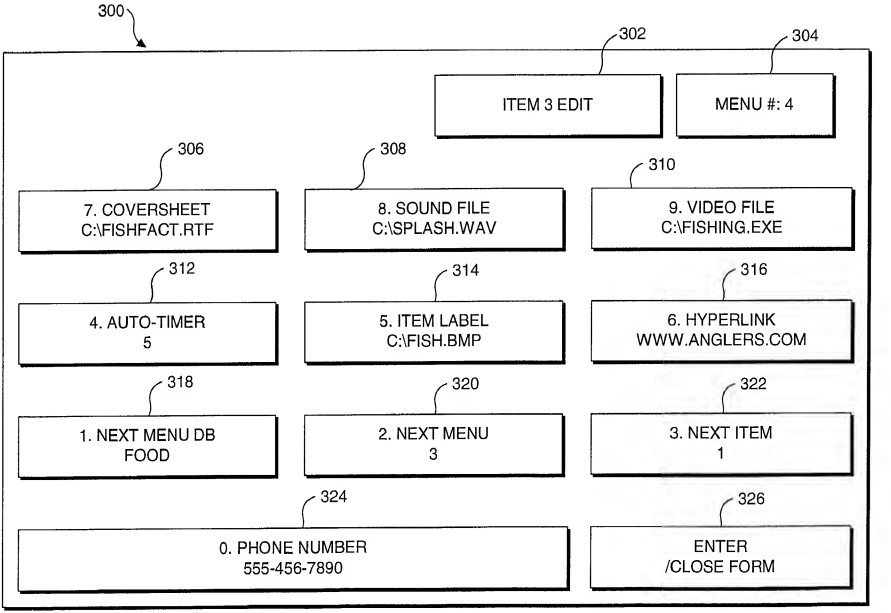

300
302
304
ITEM 3 EDIT
MENU #: 4
306
308
310
7. COVERSHEET
C:\FISHFACT.RTF
8. SOUND FILE
C:\SPLASH.WAV
9. VIDEO FILE
C:\FISHING.EXE
312
314
316
4. AUTO-TIMER
5
5. ITEM LABEL
C:\FISH.BMP
6. HYPERLINK
WWW.ANGLERS.COM
318
320
322
1. NEXT MENU DB
FOOD
2. NEXT MENU
3
3. NEXT ITEM
1
324
326
0. PHONE NUMBER
555-456-7890
ENTER
/CLOSE FORM

FIG. 21

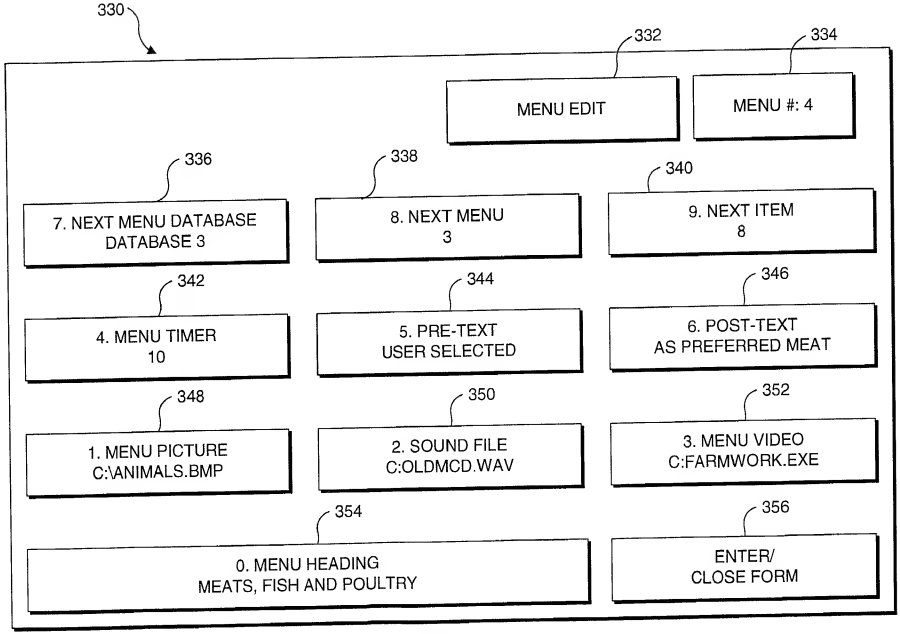

330
332
MENU EDIT
334
MENU #: 4
336
7. NEXT MENU DATABASE
DATABASE 3
338
8. NEXT MENU
3
340
9. NEXT ITEM
8
342
4. MENU TIMER
10
344
5. PRE-TEXT
USER SELECTED
346
6. POST-TEXT
AS PREFERRED MEAT
348
1. MENU PICTURE
C:\ANIMALS.BMP
350
2. SOUND FILE
C:OLDMCD.WAV
352
3. MENU VIDEO
C:FARMWORK.EXE
354
0. MENU HEADING
MEATS, FISH AND POULTRY
356
ENTER/
CLOSE FORM

FIG. 22

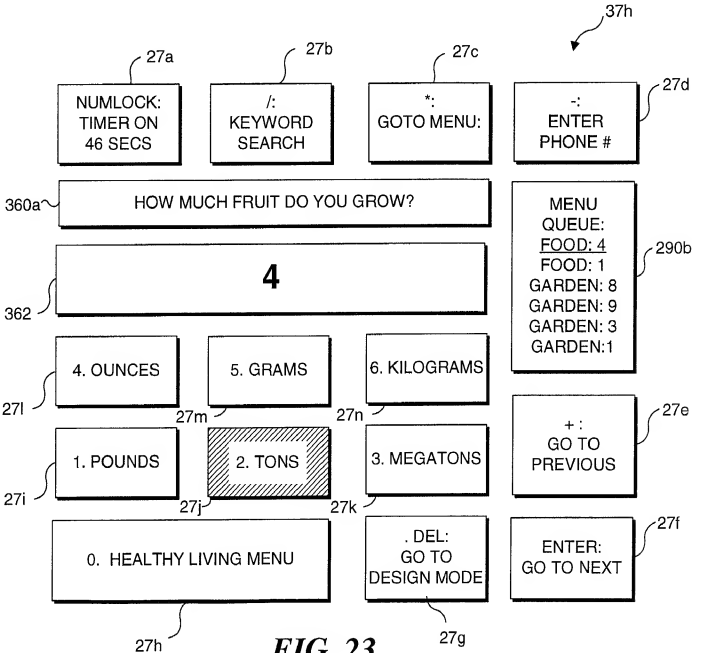

37h
27a
NUMLOCK: TIMER ON 46 SECS
27b
/: KEYWORD SEARCH
27c
*: GOTO MENU:
-: ENTER PHONE #
27d
360a
HOW MUCH FRUIT DO YOU GROW?
MENU QUEUE: FOOD: 4 FOOD: 1 GARDEN: 8 GARDEN: 9 GARDEN: 3 GARDEN:1
290b
362
4
4. OUNCES
5. GRAMS
6. KILOGRAMS
27l
27m
27n
+ : GO TO PREVIOUS
27e
1. POUNDS
2. TONS
3. MEGATONS
27i
27j
27k
0. HEALTHY LIVING MENU
. DEL: GO TO DESIGN MODE
ENTER: GO TO NEXT
27f
27h
27g

FIG. 23